

# 1999 ARRL International EME Competition Results

(with apologies to *Dragnet*)

**T**he stories you are about to read are true. None of the call signs have been changed, because no one is innocent...

They were working the Moonrise/Moonset shifts the weekends of October 30-31, 1999 and November 27-28, 1999 during the 1999 ARRL International EME Competition. All of the usual suspects were present, along with many new operators anxious to test their capabilities at what may be the greatest challenge in Amateur Radio. When the last echo had faded, the paperwork began.

It's hard to imagine the detective work required to amass 2,763,000 points during a moonbounce contest. However, Gerald, K5GW, had done his homework and reported in with an effort that clearly outpaced the competition. Surely very few stations were not "investigated" by Gerald during the contest. He turned in a Single Operator, Multi-Band effort of 307 QSOs and 90 multipliers total from the 144, 432 and 1296 MHz bands. Our 1998 champion Ernst, OE5EYM, scanned the ether for 1,502,300 points to earn runner-up honors in this category in 1999.

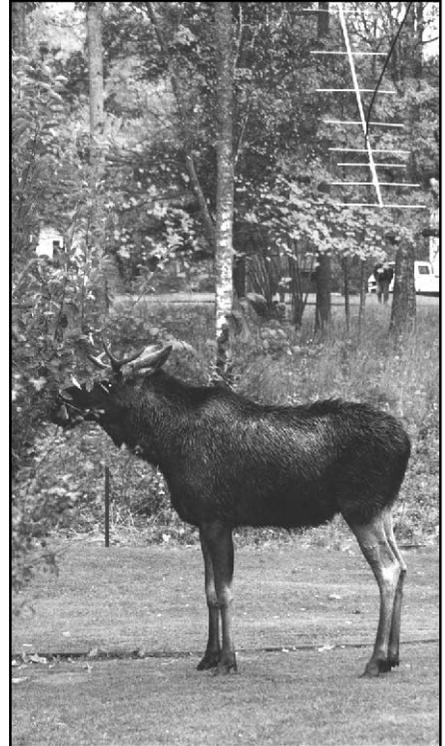
We knew that 1998 top 144 MHz Single Op sleuths would be in a heated contest to show who was still the "ace detective" on that band. Torbjorn, SM5FRH, regained the crown that Dave, W5UN, had taken from him as he edged out his chief rival by a score of 1,920,000 to 1,711,000. Leif, SM5BSZ, was once again in hot pursuit, again finishing in third place.

Down in the 432 MHz precinct, Jan, DL9KR, continued to lead the way for a seasoned band of 70-cm enthusiasts. Steve, K1FO, jumped from fourth to second place in this hotly contested category. K5JL continued to show why he is the "precinct captain" down in the 1296-MHz area with another outstanding win. There was some shuffling among the places, but any who tried to hide their signals while operating in the 1296-MHz range was sure to be spotted by several of the "sleuths" patrolling an increasingly popular beat.

While some outstanding detectives work well alone, many others pool their expertise



Is OK1DFC demonstrating his "armstrong" antenna rotation system on this 1296 MHz dish?



The secret to SM5FRH's success? He has lots of "moose power" at his station.



DJ3FI makes adjustments to his 6 x 36 element 70-cm array.



OZ6OL operating his homebrew transceiver during the EME contest.

and band together to share information and talent. After finishing a very respectable second in the Multi-Operator Multi-Band category in 1998, the JL1ZCG team that included JH1DYV, JR4ENY and JE8IVF, finished as the top team in that category in 1999.

The Multi-Op single band patrols pro-

duced few surprises. KB8RQ, with his talented sidekick N8DFN, led the way in 144 MHz. With a little shuffling of the final order of finish, the 1998 runners-up—the teams of IK3MAC, F5VS and HB9Q—all finished in close order behind KB8RQ. Another veteran crew at OH2PO duplicated

their 432 MHz triumph of the previous year while the seasoned crew at ON5RR nabbed the top spot on 1296 MHz, up from their third place finish of 1998. Special congratulations to the team at OK1KIR who managed to snare three QSOs on 5760 MHz during the contest.

So roll call at the EME Competition was complete with several hundred officers reporting in from various precincts. All took great care in trying to dig out the evidence of completed QSOs on what is a very difficult "case" to be assigned. Rookies to the event learned new ways to patrol the beat. Judging from the number of QSOs reported, interest in this type operation is on the increase.

No arrests will be made from among the suspects, but all of the participants are to be commended for outstanding efforts at plying the tools of the trade to make this



DL7MAT operating at DL5MAE.

another successful event. Come this fall, the "Old Man" will send out the word that the sleuths of the EME beat are to assemble and

track down the faint signals. Watch for the announcement in September's QST. Until then, "let's be careful out there."

### Scores

Each line score lists call sign, score, stations worked, multipliers, and band (A= 50 MHz, B = 144 MHz, C = 222 MHz, D = 432 MHz, 9 = 902 MHz, E = 1296 MHz, F = 2304 MHz, I = 10 GHz).

Single Operator, Multiband		W5UN		1,711,000		290 59		B		YO2II		9,100 13		7 B		K3HZO		96,000 40		24 E	
K5GW	2,763,000	212	50	B	SM5BSZ	1,026,000	190	54	B	N1RWY	7,000	10	7	B	JH5LUZ	71,400	34	21	E	E	E
	88	34		D	I2FAK	798,700	163	49	B	JR5JXV	6,300	9	7	B	JA6CZD	64,000	32	20	E	E	E
	7	6		E	VE3KH	733,200	156	47	B	UA3DJG	6,000	10	6	B	DH9FAG	54,600	26	21	E	E	E
OE5EYM	1,502,300	80	33	B	OZ1HNE	629,800	134	47	B	W7OE	5,400	9	6	B	W3XS	47,600	28	17	E	E	E
	54	24		D	IK1FJI	544,500	121	45	B	8J1RL (JA9BOH, op)				B	WA4OFS	19,200	16	12	E	E	E
	47	26		E	W0HP	479,600	109	44	B		4,200	7	6	B	W7QX	13,000	13	10	E	E	E
N21QU	1,008,000	101	36	D	DL5MAE	473,000	110	43	B	JA8LLE	2,500	5	5	B	WD5AGO	12,000	12	10	E	E	E
	59	27		E	SM7SJR	459,200	112	41	B	W9JN	2,000	5	4	B	JF3HUC	200	2	1	E	E	E
OZ4MM	942,400	91	33	D	PA2CHR	450,000	100	45	B	W5UWB	1,800	6	3	B							
	60	28		F	LZ2US	449,400	107	42	B	VE3EQQ	1,600	4	4	B							
	1	1		F	G3ZIG	417,300	107	39	B	N6ZE	1,600	4	4	B							
SM3AKW	509,600	4	4	F	7K3LGC	331,200	92	36	B	F6CRP	1,200	4	3	B							
	44	22		D	K6MYC	291,600	81	36	B	W3EP1	1,200	4	3	B							
	50	26		E	K1CA	248,500	71	35	B	G4DOL	900	3	3	B							
VE1ALQ	434,000	1	1	B	F8BSJ	234,500	67	35	B	K6AAW	900	3	3	B							
	27	25		D	DK9ZY	231,000	77	30	B	EA1BFZ	900	3	3	B							
	40	34		D	K0FF	223,200	72	31	B	JF4TGD/8	400	2	2	B							
	2	2		H	K5AIH	217,600	64	34	B	W4LNG	400	2	2	B							
DK3WG	427,200	39	24	B	N2WK	201,300	61	33	B	AL7EB	400	2	2	B							
	50	24		D	EA2AGZ	176,000	55	32	B	WB0OAJ	400	2	2	B							
CT1DMK	424,000	35	21	B	EA6VQ	155,000	50	31	B	LY2SA	400	2	2	B							
	20	13		D	IV3GBO	132,600	51	26	B	SM0NKZ	400	2	2	B							
	25	19		D	DL2MHS	126,900	47	27	B	DK5YA	100	1	1	B							
G3LTF	394,800	46	24	D	W0PT	124,000	40	31	B	7J7ADB (KG6DX, op)				B							
	36	21		E	PE1OGF	117,500	47	25	B	AC3A	100	1	1	B							
	2	2		F	S52LM	110,400	46	24	B	PA3BUT	100	1	1	B							
EA3DXU	344,000	47	24	B	JA6AHB	110,400	46	24	B					B							
	33	19		D	SM2BYA	107,500	43	25	B					B							
KD4LT	290,400	36	21	D	JH5FFQ	101,200	44	23	B					B							
	30	23		E	SM5CFS	94,300	41	23	B					D							
OZ6OL	287,000	31	18	D	DL7MAT	86,400	36	24	B	K1FO	392,000	112	35	D							
	39	23		E	JH2COZ	70,300	37	19	B	DL9NDD	367,200	108	34	D							
HA1YA	210,000	6	6	B	LA9NEA	68,000	40	17	B	DF3RU	339,900	103	33	D							
	54	29		D	SP7DCS	66,000	33	20	B	N9AB	313,500	95	33	D							
OH2DG	187,200	25	16	D	SV1BTR	65,100	31	21	B	K0RZ	234,000	78	30	D							
	26	19		E	WB4JEM	62,700	33	19	B	DL4MEA	229,400	74	31	D							
	1	1		F	I2RV	62,000	33	20	B	DJ6ME	226,200	78	29	D							
VE6TA	176,000	38	20	D	9A9B	58,900	31	19	B	G3SEK	222,000	74	30	D							
	17	12		E	UA4AAV	57,000	30	19	B	ON5OF	222,000	78	29	D							
JA5NNS	143,100	9	6	B	WA1JOF	57,000	30	19	B	ON4KNG	137,500	55	25	D							
	44	21		D	PA3CWI	56,000	28	20	B	K5WXN	98,900	43	23	D							
W7SZ	128,000	23	18	D	W0VD	51,300	27	19	B	7M2PDT	88,000	44	21	D							
	17	14		E	WA6PY	48,600	27	18	B	G4ERG	69,300	33	21	D							
YO2IS	114,800	23	16	B	DL2IAN	44,800	28	16	B	JH4JLV	68,400	36	19	D							
	18	12		D	PE1LWT	44,200	26	17	B	DL1YMK	51,200	32	16	D							
W5LUA	112,000	32	20	E	I1ANP	40,000	25	16	B	W8MQW	51,000	30	17	D							
	2	2		F	F9HS	38,400	24	16	B	S52CW	38,400	24	16	D							
	2	2		H	W6OMF	35,700	21	17	B	DL3EAG	25,200	21	12	D							
W4AD	105,600	36	19	B	J6/K6MYC	34,500	23	15	B	DK3FB	23,100	21	11	D							
	8	5		E	W3SZ	32,200	23	14	B	UT3LL	22,400	16	14	D							
S51ZO	62,000	17	10	B	K7YVZ	32,200	23	14	B	JJ1NNJ	21,600	18	12	D							
	14	10		D	S51UE	29,400	21	14	B	IK5WJD	21,600	18	12	D							
WB0GGM	56,000	18	13	B	SP2JXN	28,600	22	13	B	IK5QLO	20,800	16	13	D							
	10	7		D	JR3REX	24,000	20	12	B	JA2TY	16,500	15	11	D							
N3FA	43,700	17	14	B	VK3CY	23,400	18	13	B	JR1RCH	6,300	9	7	D							
	6	5		D	EA1ABZ	22,100	17	13	B	KB0VUK	3,000	6	5	D							
JH0WJF	35,200	13	8	B	DL2OM	22,100	17	13	B	JH1EFA	1,600	4	4	D							
	9	8		D	N0AKC	22,000	20	11	B	K6JEY	400	2	2	D							
W7GJ	24,000	2	2	A	KV6J	20,800	16	13	B					B							
	18	10		B	YO2AMU	19,800	18	11	B					B							
JA4BLC	18,200	2	2	B	WA3BZT	18,000	15	12	B	K5JL	247,500	75	33	E							
	5	4		D	DJ3JMY	18,000	15	12	B	K4QI	195,000	65	30	E							
	6	6		E	I3EVK	15,000	15	10	B	HB9BBB	191,400	66	29	E							
	1	1		F	JH0ISW	13,000	13	10	B	F5PAU	167,400	54	31	E							
JH0BBE	1,600	1	1	B	F8DO	12,800	16	8	B	OH2AXH	162,400	58	28	E							
	3	3		D	SM4HFI	12,000	12	10	B	K2DH	140,000	50	28	E							
					JK1HIX	11,700	13	9	B	W2UHI	135,200	52	26	E							
					W0EKZ	11,700	13	9	B	EA3UM	112,800	47	24	E							
					K7MAC	11,000	11	10	B	DJ5MN	110,000	44	25	E							
					SV4BGY	10,800	12														